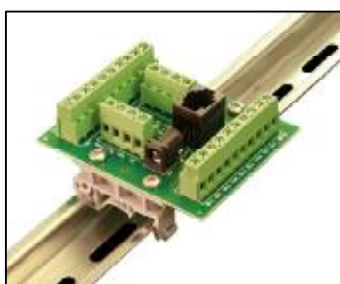


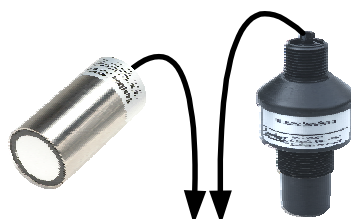
Sensor Termination Board Installation Guide

P/N: UA-TS-TB

6/19/2015



Mount on DIN rail or use screw holes with standoffs.



Fasten all sensor wires here by color
(Connect bare drain wire to Shld)

All connections pass to bottom connector.
The Brn (power), Blu (gnd), Yel (data) and Gry (data) also connect to associated terminals on J1, J3 and serial data connectors.

Serial data
+V = power
Gnd = common
Gray = Data 1
Yellow = Data 2

Serial data
+V = power
Gnd = common
Gray = Data 1
Yellow = Data 2

KEY - Definition of gray and yellow wire depends on interface type

	RS-232	RS-485
Data 1:	Sensor Out	RS-485- (A)
Data 2:	Sensor In	RS-485+ (B)

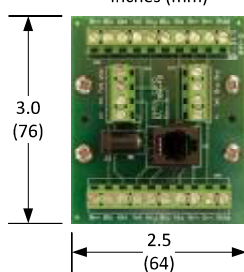
Sensor Power

3 options to connect power:

1. Brown (Brn) terminal
2. Jack J3 (Senix UA-PS-750 supply)
3. +V terminal (recommended for multi-sensor RS-485 networks)

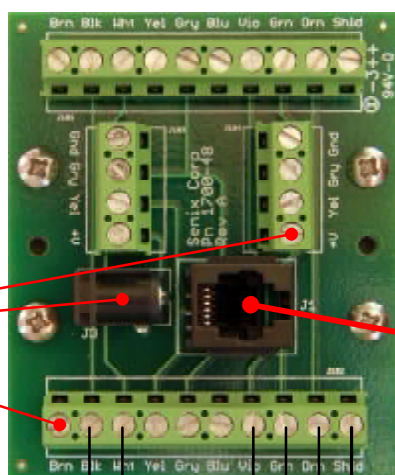
Dimensions

Inches (mm)

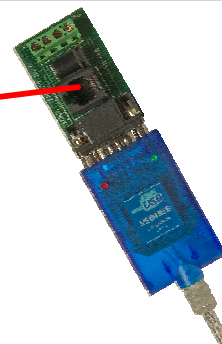


Depth

Board Only: 0.75 (19)
Above DIN Rail Top: 1.31 (33)



J1 (RJ11) connects with various Senix RS-232 and RS-485 USB interfaces and cables for a data or SenixVIEW interface.



4-20 mA sinking
4-20 mA sourcing
0-10 VDC
Switch #2 (see NOTE)
Switch #1 (see NOTE)

Sensor Outputs To User Equipment

Shielded cable recommended. Tie shield to interconnect board Shld terminal. Do not connect shield to Gnd or Blu terminals. Terminate shield to single point earth ground at equipment end.

NOTE: On TSPC-30S1 and TSPC-30S2 series sensors outputs are on the black and white wires only and are user selected using SenixVIEW software. The Org, Grn and Vio wires do not exist in those series.